

**AMENDMENT NO. 1
TO THE PROFESSIONAL SERVICES AGREEMENT
BETWEEN
THE CITY OF FONTANA
AND
T.Y. LIN INTERNATIONAL GROUP
TRACKING NUMBER SQ-04-DE-19**

1. Parties and Date.

This AMENDMENT No. 1 to the Professional Services Agreement for Professional Engineering Design Services is made and entered into as of this 14th day of September , 2021, by and between the City of Fontana, a municipal corporation organized under the laws of the State of California with its principal place of business at 8353 Sierra Avenue, Fontana, California 92335 (hereinafter referred to as the “City”) and T.Y. Lin International Group, a CORPORATION with its principal place of business at 3633 East Inland Empire Boulevard, Suite 900 Ontario, CA 91764 (hereinafter referred to as the “Consultant”). City and Consultant are sometimes individually referred to as “Party” and collectively as “Parties.”

2. Recitals.

2.1 Consultant. The City, under the Professional Services Agreement dated the 3rd of April, 2018 (“Agreement”), has retained the services of CONSULTANT to provide Professional Engineering Design Services.

2.2 Amendment Purpose. The City and Consultant desire to amend the aforesaid Agreement to include additional scope of services, extend the Term of the Agreement, and increase the not-to-exceed compensation amount.

2.3 Amendment Authority. This AMENDMENT No. 1 is authorized pursuant to Section 3.3.4 of the Agreement.

3. Terms.

3.1 Section 3.1.1 General Scope of Services of the Agreement is hereby amended in its entirety to read as follows:

3.1.1 General Scope of Services. Consultant promises and agrees to furnish to the City all labor, materials, tools, equipment, services, and incidental and customary work necessary to fully and adequately supply the professional design consulting services necessary for the Project (“Services”). The additional Services are more particularly described in Exhibit “A” attached hereto and incorporated herein by reference. All Services shall be subject to, and performed in accordance with, this Agreement, the exhibits attached hereto and incorporated herein by reference, and all applicable local, state and federal laws, rules and regulations.

3.2 Section 3.1.2 Term of the Agreement is hereby amended in its entirety to read as

follows:

3.1.2 Term. The term of this Agreement shall be from May 14, 2019 to November 30, 2025, unless earlier terminated as provided herein. Consultant shall complete the Services within the term of this Agreement, and shall meet any other established schedules and deadlines which shall be attached hereto and incorporated herein.

3.3 Section 3.3.1.8 of the Agreement is hereby amended in its entirety to read as follows:

3.3.1.8 Consultant shall receive compensation, including authorized reimbursements, for all Services rendered under this Agreement, including the Amendments, at the rates set forth in Exhibit "A" attached hereto and incorporated herein by reference. Amendment No. 1 is authorized in the amount of one hundred twenty-nine thousand, three hundred seventy-five dollars and zero cents (\$129,375.00). The total compensation shall not exceed one-million, eight hundred forty-seven thousand, one hundred\d ninety-eight dollars (\$1,847,198.00) without written approval of City's Engineering Manager. Extra Work may be authorized, as described below; and if authorized, said Extra Work will be compensated at the rates and manner set forth in this Agreement.

3.4 Continuing Effect of Agreement. Except as amended by this AMENDMENT No. 1, all other provisions of the aforementioned Professional Services Agreement remain in full force and effect. From and after the date of this AMENDMENT No. 1, whenever the term "Agreement" appears in the Agreement, it shall mean the Agreement as amended by this AMENDMENT No. 1.

3.5 Adequate Consideration. The Parties hereto irrevocably stipulate and agree that they have each received adequate and independent consideration for the performance of the obligations they have undertaken pursuant to this AMENDMENT No. 1.

[SIGNATURES ON FOLLOWING PAGE]

**SIGNATURE PAGE TO
AMENDMENT NO. 1
TO THE CITY OF FONTANA
PROFESSIONAL SERVICES AGREEMENT**

CITY OF FONTANA

T.Y.LIN INTERNATIONAL GROUP

By: _____
Mark Denny
City Manager

By: _____
Clark Fernon
Vice President

Attest:

By: _____
Toni Lewis
City Clerk

By: _____
James L. Rucker
Vice President

By: _____
Phillip Burum
Deputy City Manager

Approved as to form:

Best Best & Krieger LLP
City Attorney

By: _____
Ricardo Sandoval
Director of Engineering / City Engineer

**IN COMPLIANCE WITH PURCHASING AND CONTRACT ADMINISTRATION
POLICIES/PROCEDURES**

Lisa Strong,
Management Services Director

Purchasing Office

EXHIBIT "A"
- ATTACHED BEHIND THIS PAGE -

EXHIBIT A

Introduction

The City requests TYLI to provide an additional scope of work and fee proposal for the proposed improvements at Foothill Boulevard/Beech Avenue Intersection. The additional scope shall include the following:

- Traffic signal plans at the mentioned intersection
- Street improvement plans: The intersection shall be designed to the ultimate conditions (per General Plan, circulation element for a Primary Highway). The radii of the 2 southern curb returns shall be 50' per County of San Bernardino standards. On the north side of Foothill Boulevard, the Beech Avenue shall be widened to accommodate a catch basin on each side of the street just beyond the curb return and shall maintain the 35' radii as shown in the approved Geometric Approval Drawing (GAD) dated 6/8/20. On the southeast corner of the intersection, the Beech Avenue shall be widened to Muscat Avenue. On the southwest corner beyond the proposed curb return, the Beech Avenue shall be tapered back to the existing edge of pavement. The above-mentioned improvements will be reflected in the revised GAD (per task 3.1) and the design will be based on the approved revised GAD.
- Drainage Improvements plans and calculations: The drainage improvements shall include at least 3 new catch basins; 1 on the northwest corner of the intersection and 2 on the northeast corner.
- Signing and striping plans
- Additional efforts on engineer's estimates and specifications
- Right of way acquisition services including preparing additional legal descriptions
- Additional utility coordination and plan preparation including relocation of a SCE transformer at southwest corner of the intersection
- Additional environmental studies, PES revisions
- Additional project management

TYLI's Scope of Services:

The below scope of services is added to the TYLI's original scope of services and City's base scope of services for the Environmental & Design Services for Foothill Blvd - Hemlock Ave to Almeria Ave Street Improvements Project.

Task 1. PROJECT MANAGEMENT:

TYLI will provide overall project management services for the additional scope of work as follows:

- 1.1 Coordination and Meetings: This includes extra coordination with the City, SCE, County of San Bernardino and consultant Team, this item also includes additional focus meetings (assume two-2-) with the above mentioned parties to discuss the addition of the Foothill/Beech intersection improvements and the implications to the overall project schedule.
- 1.4 Request to obtain Caltrans Federal Project Number (FPN): TYLI will coordinate

with Caltrans to obtain the FPN to initiate the oversight process. This coordination includes the preparation of a project’s vicinity map, a cover letter requesting the number and Exhibit 7-B (Field Review Form) from Caltrans Local Assistance Procedures Manual

Deliverables:

- FPN cover letter
- Vicinity map for FPN
- Exhibit 7-B for FPN

Task 2. SURVEY:

TYLI’s subconsultant Guida will provide survey services for the additional scope of work at Foothill Boulevard / Beech Avenue Intersection. Tasks include:

- 2.1 Utilities Identification: TYLI will research and identify utilities that may be affected by the additional intersection improvements. TYLI will coordinate with the City of Fontana to obtain utility plans from the companies and perform visual field verification. Any required payment for utility record plans will be handled directly by the City.
- 2.2 Potholes: TYLI will pothole and survey the 8 proposed signal pole foundations. Each pothole will be done to full depth and width plus 10% of each foundation. Each hole will be backfilled with slurry and restored per the City Standard Plan No. 1008.
- 2.4 Cross Sections: TYLI will use conventional ground survey and terrestrial LiDAR methods to collect cross section data at 25-foot intervals for the additional intersection work.

Deliverables:

- Topographic survey data in DTM
- Utility Pothole Data

Task 3. CONSTRUCTION PLAN PREPARATION & COORDINATION:

The TYLI Team will provide Street Improvement Plans, Storm Drain Improvement Plans, Signing and Striping Plans, Right of Way Maps and Legal Documents (Legal Description, Deed Plat) for the proposed intersection improvements.

- 3.1 Street Improvement Plans: TYLI will prepare Street Improvement Plans for the intersection of Foothill Boulevard and Beech Avenue including the proposed widening along Beech Avenue between Foothill Boulevard and Muscat Avenue. The Street Improvement Plans will include plan & profile views, and existing and proposed cross sections. In addition, TYLI will update the GAD to reflect the radii of the 2 southern curb returns of 50’ at said intersection.
 - Construction Details Plans: 2 sheets will be added to show the proposed grid grade elevations (25’ x 25’ square) for the Foothill Boulevard/Beech Avenue Intersection design, elevations along each curb return at the intersection, flowline elevations at Beech Avenue/Muscat Avenue Intersection, and miscellaneous pavement elevations at Muscat Avenue.

- Staging and traffic handling plans: 1 sheet will be added to show additional sub-stages of traffic handling work at the Foothill Boulevard/Beech Avenue Intersection and south leg of the intersection.
 - Demolition Plans: 2 sheets will be added to show additional removals of the existing improvements at the Foothill Boulevard/Beech Avenue Intersection and the south leg of the intersection within the new project limits. For the removals of the existing building structures, the plans will call out removals and identify their outside shapes. Any detail descriptions of the removals related to these structure removals such as foundations, hazardous wastes will be detailed out in the Project Specifications.
- 3.2 Storm Drain Improvement Plans: TYLI will prepare storm drain improvements plans for the proposed intersection improvements and Beech Avenue widening between Foothill Boulevard and Muscat Avenue. It is anticipated that 4 additional catch basins and 3 lateral pipes will be required; 2 at the northeast corner of the intersection, 1 at the northwest corner and 1 at the southeast corner. The additional drainage analysis will be performed to size the proposed catch basins and lateral pipes. The analysis for the additional improvements will be included in the proposed overall project drainage report.
- 3.3 Signing & Striping Plans: TYLI will prepare Signing and Striping Plans associated with the additional intersection improvements.
- 3.4 Street Lighting Plans: No additional work is required.
- 3.5 Landscape and Irrigation Plans: No additional work is required.
- 3.6 Bridge Structural Plans: No additional work is required.
- 3.7 QA/QC: TYLI will perform a QA/QC for the deliverables associated with the additional intersection improvements.
- 3.8 Traffic Signal Plan: TYLI's subconsultant LIN will prepare a traffic signal plan for the intersection of Foothill Boulevard and Beech Avenue. The design of the plan will require coordination with and be reviewed by the City of Fontana and County of San Bernardino. The construction of the north leg of the intersection will terminate just north of the curb returns. Ultimate widening of the north leg will be completed in the future by others and is not a part of this project. The Traffic Signal Plan will be prepared to accommodate the ultimate design of the intersection to the ECR along Beech Avenue. In addition, the design will eliminate the split phase of the intersection.

Deliverables:

- Revised GAD
- Street Improvement Plans (add additional callouts and linework)
- Demolition Plans (2 sheets)
- Construction Details Plans (2 sheets)
- Staging and Traffic Handling plans (1 sheet)
- Signing and Striping plans (add additional callouts and linework)
- Cross Sections at 25' intervals
- Storm Drain Improvement Plans (1 sheet at 1"=40' scale)
- Drainage Report (add additional analysis for the intersection improvements)

- Traffic Signal Plan (1 sheet at 1"=20' scale)

Task 4. CONSTRUCTION COST ESTIMATE & SPECIFICATIONS:

The TYLI Team will provide additional technical specifications and estimates for the additional intersection improvements.

- 4.1 Cost Estimate: TYLI will prepare cost estimates associated with the additional intersection improvements.
- 4.2 Specifications: TYLI will prepare specifications associated with the additional intersection improvements.
- 4.3 Structures Specifications: No additional work is required
- 4.4 QC/QC: TYLI will perform a QA/QC for the deliverables associated with the additional intersection improvements.

Deliverables:

- Construction cost estimate and specifications

Task 5. Right of Way:

- 5.1 Legal Descriptions and Deed Plats: TYLI's subconsultant Guida will prepare legal description and deed plats for the properties affected by the intersection improvements. The work can be covered by the original budget. No additional fee is requested.
- 5.2 Right-of-way requirement map: TYLI will prepare a right-of-way requirement map to include the proposed intersection improvements.
 - A. Acquisitions/Negotiations: No additional work is required.
 - B. Appraisals: No additional work is required.

Deliverables:

- No additional work is required.

Task 6. ENVIRONMENTAL:

6.1 Environmental Document

6.1.1: *Project Description*. TYLI will update the existing project description and discussion regarding the existing environmental setting to include the proposed intersection improvements.

Deliverables:

- Revised Project Description

6.1.2: *Preliminary Environmental Study (PES)*. TYLI with support from Ultrasystems will revise all sections of the existing PES and supporting exhibits for the additional intersection improvements. The following exhibits as part of PES will be revised:

- Exhibit 2A Location Map – Revise map to include revised project area
- Exhibit 2B Project Footprint Map/Engineering Drawings/ROW Maps – Compile revised project drawings and ROW maps
- Exhibit 6A USFWS IPac Consultation - Rerun the USFWS IPac with revised project area and revised project description
- Exhibit 6B Essential Fish Habitat – Rerun the EFH Query with revised project area
- Exhibit 7 Visual Impact Assessment – Revise the VIA Questionnaire to include added improvements at Beech Avenue
- Exhibit 8 Site Photos – Include photos of additional project areas (around Beech Avenue Intersection); may need another site visit

Deliverables:

- Revised PES

6.1.3: *Draft Initial Study/Categorical Exclusion (IS/CE)*. Ultrasystems will include the additional impacts from the intersection improvements into the Administrative Draft and public Draft IS/CE.

Deliverables:

- Administrative Draft and Public Draft IS/CE (add additional impacts associated with the intersection improvements)

6.1.4: *Administrative Draft Mitigated Negative Declaration/Notice of Exemption (MND/NOE)*. No additional work is required.

Deliverables:

- No additional work is required.

6.1.5: *Disseminate Draft IS/MND and CE/NOE*: No additional work is required.

Deliverables:

- No additional work is required.

6.1.6: *Response to comments and finalize IS/MND and CE/NOE*: No additional work is required.

Deliverables:

- No additional work is required.

6.2 Environmental Technical Studies

6.2.1: *Air Quality/Greenhouse Gas Emissions Assessment*. Ultrasystems will include the additional impacts associated with the proposed intersection improvements into the air quality and greenhouse gas emissions technical study.

Deliverables:

- CEQA Air Quality/Greenhouse Gas Emissions Assessment; NEPA Air Quality Report, including PM Conformity Hot Spot Analysis; and FHWA Air Quality Conformity Analysis (add additional impacts associated with the intersection improvements).

6.2.2: *Biological Resources Assessment*. Ultrasystems will include the additional impacts associated with the proposed intersection improvements into the Natural Environment Study – Minimal Impact (NES MI) Report.

Deliverables:

- Draft and Final NES MI (add additional impacts associated with the intersection improvements)

6.2.3a: *Cultural Resources Study: Identification of Historic Properties*. Ultrasystems will include the additional impacts associated with the proposed intersection improvements into the Historic Property Survey Report (HPSR) package.

Deliverables:

- Standard Caltrans-format HPSR package with all necessary supporting documents (APE map, ASR, HRER) (add additional impacts associated with the intersection improvements)
- HABS/HAER recordation for each historic property to be affected by the undertaking (add additional impacts associated with the intersection improvements).

6.2.3b: *Cultural Resources Study: Project Effect Assessment and Mitigation*. Ultrasystems will include the additional impacts associated with the proposed intersection improvements into the Finding of Effect (FOE) to determine what the undertaking's potential impacts to the historic properties identified in the HPSR under Section 106 provisions.

Deliverables:

- Standard Caltrans-format FOE package with all necessary supporting documents (add additional impacts associated with the intersection improvements).

6.2.4: *Section 4(f) de minimis Determination*. No additional work is required.

Deliverables:

- No additional work is required.

6.2.5: *Noise Impact Assessment*. Ultrasystems will include the additional impacts

associated with the proposed intersection improvements into the Noise Impact Assessment that will form the basis of the noise section for this project.

Deliverables:

- Draft and Final Noise Impact Assessment Technical Study (add additional impacts associated with the intersection improvements)

6.2.6. *Traffic Study Report*: No additional work is required.

Deliverables:

- No additional work is required.

6.2.7. *Initial Site Assessment (ISA) for Hazardous Waste*: Ultrasystems will include the additional impacts associated with the proposed intersection improvements into the ISA according to Caltrans guidelines and the SER.

Deliverables:

- Draft and Final ISA (add additional impacts associated with the intersection improvements).

6.2.8. *Visual Impact Memorandum (VIM)*: Ultrasystems will include the additional impacts associated with the proposed intersection improvements into the VIM according to Caltrans guidelines and the SER.

Deliverables:

- Draft and Final VIM (add additional impacts associated with the intersection improvements).

6.2.9. *Relocation Impact Memorandum (RIM)*: No additional work is required.

Deliverables:

- No additional work is required.

6.2.10. *Community Impact Assessment Memorandum (CIAM)*: No additional work is required.

Deliverables:

- No additional work is required.

6.2.11. *Water Quality Assessment Memorandum (WQAM)*: No additional work is required.

Deliverables:

- No additional work is required.

6.3. *Water Quality Management Plan (WQMP)*: No additional work is required.

Deliverables:

- No additional work is required.

Task 7. COMPOSITE UTILITY PLAN & UTILITY COORDINATION:

7.1 Composite Utility Plan: TYLI's subconsultant Pacrim will prepare a Composite Utility Plan exhibiting all existing utilities within the proposed construction area and all utilities affected by the proposed project including the ones within the proposed intersection improvements limits. The composite utility plan will show the additional impacted utilities such as a SCE transformer at the southwest corner of the intersection and SCE power poles and lines due to the proposed intersection and Beech Avenue widening improvements.

Deliverables:

- Draft and Final Composite Utility Plan (add additional utility information within the intersection improvements limits)

7.2 Utility Coordination and Meetings: TYLI's subconsultant Pacrim will perform the additional utility coordination for the intersection improvements. The additional work includes coordination with SCE for the existing transformer and powerlines/poles affected by the intersection improvements. Also, utility notices and As-Builts will be coordinated and obtained from the utility companies affected by this signal

Deliverables:

- Additional Utility Coordination Meetings agendas and notes.

Additional Assumptions:

1. Signal pole foundations will be per City of Fontana Standard Plans or Caltrans Standard Plans. Design of non-standard foundation is not included.
2. Transformer connected loads and coordination with the Water Agency are not included.
3. No additional traffic study is required.
4. County of San Bernardino will conduct all right of way acquisitions in their jurisdiction.
5. SCE will be completing the design of the relocation of their facilities
6. City will complete and process all necessary applications for third party agencies (SCE, County, etc.)
7. Details for any building structure removals will be described in the Project Specifications instead of being shown on the plans.

**T.Y. LIN INTERNATIONAL
PROJECT TITLE
BUDGET WORKSHEET**

Date: 5/17/2021
 Consultant Firm: Arellano Associates
 Project Title: Environmental & Design Services for Foothill Blvd - Hemlock Ave to Almeria Ave Street Improvements (Malaga Bridge) - Additonal Scope (Foothill Blvd/Beech Ave Intersection Design)
 Project Number: 872002.18
 Client Reference: SQ-04-DE-19

Task/Subtask	Description	Activity	WBS or Activity Code	Estimated Labor Hours														Hours	Raw Labor Amount
				Muna-Landa, Laura Project Manger	Ortiz-Cobian, Kathy Sr. Proj. Coord.	Santiago, Kyle Graphic Designer	Valles, Colin Project Coordinator	Martinez, Bryan Asst. Proj. Coordinator											
1.0	PROJECT MANAGEMENT																		
1.1	Project Management / Progress Reports																	0	
1.2	Coordination / Meeetings																	0	
1.3	Project Specific QA/QC Plan																	0	
	TASK SUBTOTAL:			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2.0	SURVEY																		
2.1	Utilities																	0	
2.2	Potholes																	0	
2.3	Topographic Map																	0	
2.4	Cross Sections																	0	
2.5	Survey Control Plan																	0	
2.6	QA/QC																	0	
	TASK SUBTOTAL:			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3.0	CONSTRUCTION PLAN PREPARATION & COORD																		
3.1	Street Improvement Plans																	0	
3.2	Storm Drain Improvement Plans																	0	
3.3	Signing & Striping Plans																	0	
3.4	Street Lighting Plans																	0	
3.5	Landscape and Irrigation Plans																	0	
3.6	Bridge Structural Plans																	0	
3.7	QA/QC																	0	
	TASK SUBTOTAL:			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4.0	CONSTRUCTION COST ESTIMATE & SPECS																		
4.1	Cost Estimate																	0	
4.2	Specifications																	0	
4.3	Structures Specifications																	0	
4.4	QA/QC																	0	
	TASK SUBTOTAL:			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5.0	RIGHT OF WAY																		
5.1	Legal Description / Deed Plat																	0	
5.2	Right-of-Way Map																	0	
5.3	QA/QC																	0	
	TASK SUBTOTAL:			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6.0	ENVIRONMENTAL																		
6.1	Environmental Document																	0	
6.2	Technical Studies																	0	
6.3	WQMP																	0	
6.4	NPDES																	0	
6.5	QA/QC																	0	
	TASK SUBTOTAL:			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7.0	COMPOSITE UTILITY PLAN & UTILITY COORD																		
7.1	Composite Utility Plan																	0	
7.2	Utility Coordination Meetings																	0	
7.3	QA/QC																	0	

**T.Y. LIN INTERNATIONAL
PROJECT TITLE
BUDGET WORKSHEET**

Date: 5/17/2021
Consultant Firm: Epic Land Solutions, Inc.
Project Title: Environmental & Design Services for Foothill Blvd - Hemlock Ave to Almeria Ave Street Improvements (Malaga Bridge) - Additional Scope (Foothill Blvd/Beech Ave Intersection Design)
Project Number: 872002.18
Client Reference: SQ-04-DE-19

Task/Subtask	Description	Activity	WBS or Activity Code	Estimated Labor Hours											Hours	Raw Labor Amount
				Mason, David Michael Chief Appraiser	Starr, Karen Principal in Charge	Bibolet, Kim Right of Way Project Lead	Swanner, Brian James Senior Right of Way Data Analyst	Right of Way Data Analyst	ROW Agent	Appraiser	Finance/Project Controls	Admin Support	Senior Right of Way Agent			
1.0	PROJECT MANAGEMENT															
1.1	Project Management / Progress Reports															0
1.2	Coordination / Meetings															0
1.3	Project Specific QA/QC Plan															0
	TASK SUBTOTAL:				0	0	0	0	0	0	0	0	0	0	0	0
2.0	SURVEY															
2.1	Utilities															0
2.2	Potholes															0
2.3	Topographic Map															0
2.4	Cross Sections															0
2.5	Survey Control Plan															0
2.6	QA/QC															0
	TASK SUBTOTAL:				0	0	0	0	0	0	0	0	0	0	0	0
3.0	CONSTRUCTION PLAN PREPARATION & COORD															
3.1	Street Improvement Plans															0
3.2	Storm Drain Improvement Plans															0
3.3	Signing & Striping Plans															0
3.4	Street Lighting Plans															0
3.5	Landscape and Irrigation Plans															0
3.6	Bridge Structural Plans															0
3.7	QA/QC															0
	TASK SUBTOTAL:				0	0	0	0	0	0	0	0	0	0	0	0
4.0	CONSTRUCTION COST ESTIMATE & SPECS															
4.1	Cost Estimate															0
4.2	Specifications															0
4.3	Structures Specifications															0
4.4	QA/QC															0
	TASK SUBTOTAL:				0	0	0	0	0	0	0	0	0	0	0	0
5.0	RIGHT OF WAY															
5.1	Legal Description / Deed Plat															0
5.2	Right-of-Way Map															0
5.2A	Acquisition/Negotiations															0
5.2B	Appraisals															0
5.3	QA/QC															0
	TASK SUBTOTAL:				0	0	0	0	0	0	0	0	0	0	0	0
6.0	ENVIRONMENTAL															
6.1	Environmental Document															0
6.2	Technical Studies															0
6.3	WQMP															0
6.4	NPDES															0
6.5	QA/QC															0
	TASK SUBTOTAL:				0	0	0	0	0	0	0	0	0	0	0	0
7.0	COMPOSITE UTILITY PLAN & UTILITY COORD															
7.1	Composite Utility Plan															0
7.2	Utility Coordination Meetings															0
7.3	QA/QC															0

**T.Y. LIN INTERNATIONAL
PROJECT TITLE
BUDGET WORKSHEET**

Date: 5/17/2021
 Consultant Firm: Guida Surveying Inc.
 Project Title: Environmental & Design Services for Foothill Blvd - Hemlock Ave to Almeria Ave Street Improvements (Malaga Bridge) - Additonal Scope (Foothill Blvd/Beech Ave Intersection Design)
 Project Number: 872002.18
 Client Reference: SQ-04-DE-19

Task/Subtask	Description	Activity	WBS or Activity Code	Estimated Labor Hours													Hours	Raw Labor Amount	
				Spivak, Lisa Survey Lead	Smith, Sean Survey Project Manager	Alcantara, Karina Project Surveyor	Arredondo, Guillermo Survey Tech	Dalvia, Adam PLS Party Chief	Knauer, Jack Chainman										
2.0	SURVEY																		
2.1	Utilities Identification							4										4	\$204
2.2	Potholes (30)							20										20	\$1,018
2.3	Topographic Mapping																	0	\$0
2.4	Cross Sections							32										32	\$1,629
2.5	Survey Control Plan																	0	\$0
	TASK SUBTOTAL:				0	0	0	0	56	0	0	0	0	0	0	0	0	56	\$2,851
5.0	RIGHT OF WAY																		
5.1	Preliminary Right of Way Mapping																	0	\$0
5.2	Final Right of Way Mapping																	0	\$0
5.3	Legal Descriptions (37)																	0	\$0
	TASK SUBTOTAL:				0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0
Total Hours:				0	0	0	0	56	0	0	0	0	0	0	0	0	0	56	\$2,851
Raw Labor Rate:				\$76.00	\$64.00	\$52.00	\$42.00	\$50.91	\$45.78	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	56	\$2,851
Labor Subtotal:				\$0	\$0	\$0	\$0	\$2,851	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		

2nd TIER SUBCONSULTANT/VENDOR SERVICES	Amount	%	DBE?
Sub a			N
Sub b			N
Sub c			N
Sub d			N
Sub e			N
Sub f			N
Sub g			N
Sub h			N
Sub i			N
Subtotal - SUBCONSULTANT SERVICES:	\$0	0.0%	
DBE Participation:	\$0	0.0%	

OTHER DIRECT COSTS	Quant	Unit	Price	Amount
Printing & Repro 11x17		Copies		\$0
Printing & Repro 8.5x11		Copies		\$0
Mileage		Miles		\$0
Shipping & Delivery		Each		\$0
Miscellaneous		LS		\$0
Airfare/Lodging		LS		\$0
Aerial Mapping				\$0
				\$0
				\$0
				\$0
OTHER DIRECT COSTS:				\$0

Annual Escalation Rate:	4.0%
Contract Duration (Years):	2.50
RAW LABOR:	\$2,937
Audited Overhead Rate:	176.75%
OVERHEAD:	\$5,192
RAW LABOR + OVERHEAD:	\$8,129
Profit (Fee) Percentage:	10.0%
FIXED FEE:	\$813
SUBCONSULTANT/VENDOR SERVICES:	\$0
OTHER DIRECT COSTS:	\$0
BASE BUDGET:	\$8,942
ADDITIONAL SERVICES BUDGET:	
TOTAL BUDGET:	\$8,942

Notes:
 1. Escalated Fee assumed to midpoint of contract duration, with no escalation for the first year.

T.Y. LIN INTERNATIONAL
PROJECT TITLE
BUDGET WORKSHEET

Date: 5/17/2021
 Consultant Firm: Iteris
 Project Title: Environmental & Design Services for Foothill Blvd - Hemlock Ave to Almeria Ave Street Improvements (Malaga Bridge) - Additional Scope (Foothill Blvd/Beech Ave Intersection Design)
 Project Number: 872002.18
 Client Reference: SQ-04-DE-19

Task/Subtask	Description	Activity	WBS or Activity Code	Estimated Labor Hours														Hours	Raw Labor Amount	
				Bernard Lee Principal Engineer	Chris Devlin, Senior Engineer	Kristin Tso/Senior Engineer	Naree Kim Senior Engineer	Ashley Day, Engineer	Stephanie Mak, Associate Engineer	Mai Lam, Assistant Engineer	Last, First Sr Eng II	Last, First Design Tech III	Last, First Design Tech II	Last, First Proj Accountant	Last, First Proj. Admin					
1.0	PROJECT MANAGEMENT																			
1.1	Project Management / Progress Reports																			0
1.2	Coordination / Meetings																			0
1.3	Project Specific QA/QC Plan																			0
	TASK SUBTOTAL:			0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0
2.0	SURVEY																			
2.1	Utilities																			0
2.2	Potholes																			0
2.3	Topographic Map																			0
2.4	Cross Sections																			0
2.5	Survey Control Plan																			0
2.6	QA/QC																			0
	TASK SUBTOTAL:			0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0
3.0	CONSTRUCTION PLAN PREPARATION & COORD																			
3.1	Street Improvement Plans																			0
3.2	Storm Drain Improvement Plans																			0
3.3	Signing & Striping Plans																			0
3.4	Street Lighting Plans																			0
3.5	Landscape and Irrigation Plans																			0
3.6	Bridge Structural Plans																			0
3.7	QA/QC																			0
	TASK SUBTOTAL:			0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0
4.0	CONSTRUCTION COST ESTIMATE & SPECS																			
4.1	Cost Estimate																			0
4.2	Specifications																			0
4.3	Structures Specifications																			0
4.4	QA/QC																			0
	TASK SUBTOTAL:			0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0
5.0	RIGHT OF WAY																			
5.1	Legal Description / Deed Plat																			0
5.2	Right-of-Way Map																			0
5.3	QA/QC																			0
	TASK SUBTOTAL:			0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0
6.0	ENVIRONMENTAL																			
6.1	Environmental Document																			0
6.2	Technical Studies																			0
6.2.1	NEPA/CEQA Traffic Study																			0
6.2.2	Other traffic analysis																			0
6.2.3	Other tasks																			0
6.3	WQMP																			0
6.4	NPDES																			0
6.5	QA/QC																			0
	TASK SUBTOTAL:			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.0	COMPOSITE UTILITY PLAN & UTILITY COORD																			
7.1	Composite Utility Plan																			0
7.2	Utility Coordination Meetings																			0
7.3	QA/QC																			0

**T.Y. LIN INTERNATIONAL
PROJECT TITLE
BUDGET WORKSHEET**

Date: 5/17/2021
 Consultant Firm: Yunsoo Kim Design, Inc.
 Project Title: Environmental & Design Services for Foothill Blvd - Hemlock Ave to Almeria Ave Street Improvements (Malaga Bridge) - Additional Scope (Foothill Blvd/Beech Ave Intersection Design)
 Project Number: 872002.18
 Client Reference: SQ-04-DE-19

Task/Subtask	Description	Activity	WBS or Activity Code	Estimated Labor Hours														Hours	Raw Labor Amount
				Kim, Yunsoo Principal	Zhang, Yali Landscape designer														
1.0	PROJECT MANAGEMENT																		
1.1	Project Management / Progress Reports																	0	\$0
1.2	Coordination / Meetings																	0	\$0
1.3	Project Specific QA/QC Plan																	0	\$0
	TASK SUBTOTAL:			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0
2.0	SURVEY																		
2.1	Utilities																	0	\$0
2.2	Potholes																	0	\$0
2.3	Topographic Map																	0	\$0
2.4	Cross Sections																	0	\$0
2.5	Survey Control Plan																	0	\$0
2.6	QA/QC																	0	\$0
	TASK SUBTOTAL:			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0
3.0	CONSTRUCTION PLAN PREPARATION & COORD																		
3.1	Street Improvement Plans																	0	\$0
3.2	Storm Drain Improvement Plans																	0	\$0
3.3	Signing & Striping Plans																	0	\$0
3.4	Street Lighting Plans																	0	\$0
3.5	Landscape and Irrigation Plans including uplighting for median landscaping																	0	\$0
3.6	Bridge Structural Plans																	0	\$0
3.7	QA/QC																	0	\$0
	TASK SUBTOTAL:			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0
4.0	CONSTRUCTION COST ESTIMATE & SPECS																		
4.1	Cost Estimate																	0	\$0
4.2	Specifications																	0	\$0
4.3	Structures Specifications																	0	\$0
4.4	QA/QC																	0	\$0
	TASK SUBTOTAL:			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0
5.0	RIGHT OF WAY																		
5.1	Legal Description / Deed Plat																	0	\$0
5.2	Right-of-Way Map																	0	\$0
5.3	QA/QC																	0	\$0
	TASK SUBTOTAL:			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0
6.0	ENVIRONMENTAL																		
6.1	Environmental Document																	0	\$0
6.2	Technical Studies																	0	\$0
6.3	WQMP																	0	\$0
6.4	NPDES																	0	\$0
6.5	QA/QC																	0	\$0

